

THE COMBATANT CRAFT DIVISION  
PROVIDES:

WE ARE TRUSTED STEWARDS OF  
TAXPAYER FUNDS.

Total Craft Systems Engineering  
Full Spectrum – Full Life Cycle  
Joint Service Support

...

## FULL SPECTRUM

NAVAL ARCHITECTURE  
DESIGN AND ENGINEERING  
SURVIVABILITY  
TRANSPORTABILITY  
TEST AND EVALUATION  
LOGISTICS  
LIFE CYCLE MANAGEMENT  
HUMAN SYSTEMS INTEGRATION  
DIRECT FLEET SUPPORT  
INDUSTRIAL SUPPORT

## FULL LIFE CYCLE

RESEARCH AND DEVELOPMENT  
REQUIREMENTS  
ACQUISITION AND CONTRACTING  
DESIGN  
CONSTRUCTION  
ACCEPTANCE  
FIELDING  
OPERATIONAL SUPPORT  
REFURBISHMENT AND MODIFICATION  
DISPOSAL

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## POINTS OF CONTACT

Site Director  
(757) 462-3858

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Deputy Director  
(757) 462-3277

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Business Operations Manager  
(757) 462-4074

...

Administrative Officer  
(757) 462-4114

NSWCCD DET Norfolk  
2600 Tarawa Court, Suite 303  
Virginia Beach, VA 23459



***Combatant  
Craft Division***

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CELEBRATING  
MORE THAN 40 YEARS  
OF PROVEN EXPERTISE  
AND EXPERIENCE



## MISSION

The Combatant Craft Division provides superior quality, total systems engineering support for all types of manned and unmanned combatant craft, boats, and advanced marine vehicles. This includes full spectrum and full life cycle engineering, research and development, concept feasibility, design, test and evaluation, and integrated logistic support.

## OBJECTIVES

Maximize Warfighter Performance  
Minimize Total Ownership Costs  
Manage Risk

## WHO WE ARE

For more than 40 years, the Combatant Craft Division has built an enviable reputation for excellence, quality, and responsive service. We support the U.S. Navy, Army, Marine Corps, Naval Special Warfare, Air Force, Coast Guard, and other DoD and non-DoD activities including private industry. We support approximately 13,500 boats, craft, and life rafts around the globe. Our technical staff is comprised of recognized Naval Architects, Engineers, Logisticians, and Technicians, with an average of 15 years of craft and associated systems experience.

## FACILITIES

Combatant Craft Division provides a central location for all craft functions and total craft systems engineering and integration:

- Specialized Waterfront Test and Evaluation Sites •
  - Extensive Test Instrument Lab •
- Technical Document Repository •
  - Test Boat Fleet •
- Convenient Access to Boat Yards •
  - Secure Work Areas •

## AREA OF EXPERTISE:

### Technical Authority

(757) 462-3274

As the SEA 05 warranted Technical Authority for manned and unmanned combatant craft, boats, and craft systems, makes authoritative decisions on technical matters including policy, requirements, engineering practices, and processes related to design, development, construction, testing, logistics, repair, operation, in-service support, and disposal.

## OUR SERVICE OFFERINGS:

### Integrated Logistics

(757) 462-4712

Provides full life cycle Integrated Logistics Support (ILS) products and services. Serves as Boat Inventory Manager (BIM), Technical Support Activity (TSA), and Technical Manual Maintenance Activity (TMMA) for U.S. Navy boats. Provides acquisition assistance, fleet introduction, and boat disposition support. Provides direct fleet support via the BIM and ILS help desk.

### Life Cycle Management & Sustainment Engineering

(757) 462-4707

Serves the fleet as the front line for In-Service Engineering Agent (ISEA) and Planning Yard (PY) functions. Provides timely direct fleet support, distance support, engineering analysis and design, 2-D, 3-D and solid model detailed engineering drawing development, alteration installation prototyping, repair consultation, purchasing and contracting coordination, and industrial services specification development and oversight.

### Naval Architecture

(757) 462-3523

Provides acquisition support through requirements and specification development, source selection, design review, and contract oversight. Offers technical design and/or evaluation of proposed or existing hull design including seakeeping, resistance, powering, stability, propulsion, arrangements, and structure (composites, metals, and wood). Orchestrates integration of systems and payloads to achieve successful craft operations.

### Special Projects

(757) 462-3566

Participates in research and development (R&D) of new technologies and implements the integration and transition from R&D to production. Assists in development and integration of observable technologies onto craft, plans and coordinates signature measurements, and assists in development of threat analysis.

### Systems Design & Integration

(757) 462-3107

Responsible for mechanical, electrical, and electronic systems engineering throughout the craft life cycle. Works closely with operational commands to translate user requirements into effective mission systems. Conducts research and development to resolve operational capability gaps. Develops specifications and design packages in support of acquisition or fielded system upgrades. Provides on-site oversight and quality control during construction. Develops mission system familiarization training and performs system level troubleshooting and failure analysis.

### Test and Evaluation

(757) 462-4165

Conducts instrumented trials on hull, electrical, mechanical, and propulsion systems to quantify performance characteristics and human systems interface. Assures customers that the boats they procure meet their requirements and are reliable, effective, safe, and the best value. Supports performance investigations, verifies corrective actions, validates design tools, and evaluates emerging boat and craft technologies.

